

REFRIGERANT RECOVERY DEVICES AND ACCESSORIES

PROMAX™ RECOVERY DEVICES

PROMAX™ designs, engineers, and manufactures the highest quality service equipment and makes it easy to use for all refrigerant handling industries. For the last two decades, the team at PROMAX™ has been producing machines for service contractors that help them PRO-fit MAX-imize their work in the field.

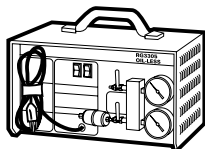


P2116

RG5000

“OIL-LESS” SYSTEM

- Self evacuation feature for easy changeover to all common refrigerants
- **Recovery*:** Up to 10 lbs./min. with 1/4" hose using liquid push/pull or 14 lbs./min. with 3/8" hose
Up to .44 lbs./min. vapor
4 lbs./min. direct liquid
- **Dimensions:** 13.5 x 9 x 19 inches or 343 x 229 x 483 mm
- **Weight:** 29 lbs./13.2 kg
- **Power Source:** 1/2 horsepower cap start, induction run, direct drive brushless motor, 1725 RPM 115/120 VAC, 60 Hz



P2119

RG3305 ULTRA-LITE

“OIL-LESS” SYSTEM

- Compact, portable and lightweight aluminum case
- Tank not included
- **Recovery*:**
Up to 10 lbs./min. liquid P/P
Up to .44 lbs./min vapor
4 lbs./min. direct liquid
- **Dimensions:** 15"x 10" x 9"
- **Weight:** 29 lbs./13.2 kg
- **Power Source:** 1/2 horsepower cap start, induction run, direct drive brushless motor, 1725 RPM 115/120 VAC, 60 Hz



P2117

RG5410 HIGH PRESSURE “OIL-LESS” SYSTEM

- Designed for R410a recovery applications
- User switchable high range 550# pressure cut-out
- **Recovery*:**
Up to 14 lbs./min. with 3/8" hose in liquid push/pull mode
Up to .44 lbs./ min vapor 4lbs./min. direct liquid
- **Dimensions:** 13.5 x 9 x 19 inches or 343 x 229 x 483 mm
- **Weight:** 30 lbs./13.7 kg
- **Power Source:** 1/2 horsepower cap start, induction run, direct drive brushless motor, 1725 RPM 115/120 VAC, 60 Hz

ADS-100 CHARGING & RECOVERY SCALE

One of the most invaluable and versatile tools for handling refrigerant. Accounts for all recovered or sold refrigerant with 176 lb/80 kg capacity and ± 1% accuracy. Calibrated to N.I.S.T. standards and operative in temperatures ranging from 32° F to 120° F.



P2120

*Rates reflect new ARI 740-95 testing and may be lower than previous tests.

REFRIGERANT RECOVERY

REFRIGERANT RECOVERY UNIT

TOTALVAC Oil-Less Refrigerant Recovery Unit

- Generates high recovery rates
- Takes steps out of recovery procedures
- Self protecting, self cooling compressor
- ARI Certified (test method 740-98) meets EPA 608
- Self purge feature
- 6" fan/950 FPM
- Recommended when servicing Puron units (R410a)
- TOTALINE tough inside and out

More recovery capacity and service life for your money. Totaline's revolutionary compressor automatically flashes and vaporizes incoming refrigerant to ensure that liquid does not damage the compressor head, a frequent cause of premature failure in other components. It includes anti-slug protection – you can start the unit in direct liquid transfer mode, open the intake line wide open and walk away. No manual regulation or special care is needed to protect the compressor. Unique KOOL Head technology keeps the compressor head up to 30% cooler, lowering discharge pressure as much as 50 psi. Recovery proceeds faster with no high pressure cut outs. This is important for uninterrupted PURON or R-410a recovery.

Fewer working parts with heavy duty components

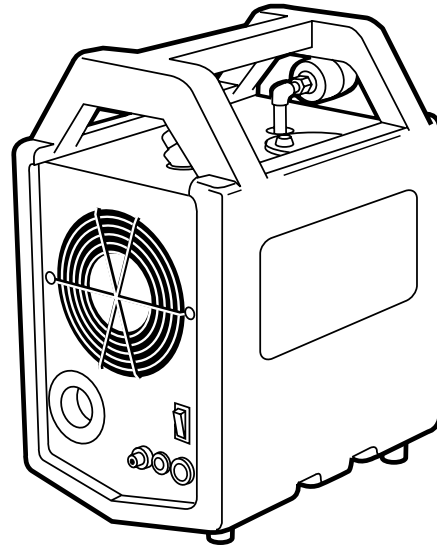
- Solid aluminum piston rod, floating piston head and heavy duty rings for better compression.
- Durable high performance, high temperature poppet valves.
- Runs more quietly than other compressors.
- Spare parts are readily available.
- Easy access and simple compressor design allow complete teardown, preventative maintenance rebuild, and reassembly in less than 20 minutes.

TOTALVAC keeps a Kool Head™ when recovery jobs heat up

- High volume 6" fan moves air through the cabinet at over 950-fpm, more than other units using two fans, for awesome condensing capacity. Important or uninterrupted PURON or R-410a recovery.
- TOTALVAC's ARI certified "High Temperature Vapor Recovery Rate" is among the highest of all 0.5 Hp recovery systems. You will enjoy faster, uninterrupted recovery procedures on hotter days and on larger recovery jobs.
- Other units simply cannot match the condensing capacity generated by TOTALVAC's enhanced air flow and unique refrigerant cooled compressor head.

Easy to use & built TOTALINE tough for long service life

- Top mounted controls are better protected from damage in transit or on the job – valves are leak tested at 1000 psi.
- Unit weighs only 30 lbs and is easily carried up a ladder with its included shoulder strap.
- Rugged, high density double-walled plastic housing takes a beating in your service truck and on the job.
- Recovery is made easy by TOTALVAC's 1-hose-in and 1-hose-out setup. Just start the unit in Direct Liquid Transfer mode and walk away. No hose switching or manual regulation of the intake valve is required.
- Self-evacuates before & after recovery to prevent refrigerant cross-contamination and air intrusion. No switching of hoses is necessary.
- Float cable connection is included as a standard feature. Handy bypass switch disables the connection when you want to use a recovery scale.



P2008

Specifications

Push/Pull	11.18 lb./min. (R-22) / 13.82 lb./min. (R-410A)
Liquid Direct	3.80 lb./min. (R-22) / 4.38 lb./min. (R-410A)
Vapor Rate	0.31 lb./min. (R-22) / 0.31 lb./min. (R-410A)
Weight	30 lbs (12.3 Kg)
Power	115/60/1, 110/50/1, 0.5 Hp, 15A 220/50/1, 0.5 Hp, 15A
Connections	1/4" Flare
Dimensions	13-1/2" L x 9" W x 16-5/8" H
Warranty	1-year parts

Power Supply: Unit is equipped with a flanged inlet power receptacle. Overseas models included an adapter for different power cords. Recommended maximum length on 14 gauge power cord is 20 ft.

Ordering Information

Part Number	Description
P706-0001	115/60/1, 110/50/1, 0.5 Hp, 15A
P706-0002	220/50/1, 0.5 Hp, 15A
P706-0001-L with low pressure switch	115/60/1
P706-0002-L with low pressure switch	220/50/1

Included with Purchase

- Shoulder strap
- Float cable connection
- One 3-cubic inch in-line filter

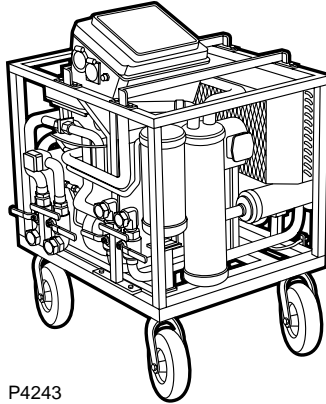
Accessories

FVC-006-A 6 ft. Float cable (3-Pin B.H.)
FVC-3T4-A 3-Pin RH to 4-Pin AMP adapter
12RA680106 30 lb. Cylinder (Puron)
12RA680105 50 lb. Cylinder (Puron)
12RA680107 50 lb. Cylinder
with liquid switch (Puron)

REFRIGERANT RECOVERY

EVAC COMMERCIAL™ OPEN DRIVE HIGH PRESSURE RECOVERY SYSTEM

Shaves hours off recovery times on chillers and large A/C or refrigeration systems.



P4243

ELECTROMECHANICAL MODEL

FASTER SPEED

- Recovers 325-lb/min liquid and 6-lb/min vapor (R-22).

HIGH DURABILITY

- Rugged 3-Hp open drive compressor provides years of reliable service, even on refrigerants heavily contaminated with oil, air, moisture, and acids.

SERVICES MOST HP REFRIGERANTS

- R-12, R-22, R-114, R-134a, R-404, R-407, R-500, R-502, R-507, MP39 and other high pressure refrigerants or blends (does not service very high pressure refrigerants such as R-13 and R-23).

EASY OPERATIONS

- Purging lines and switching from liquid to vapor recovery modes simply involves turning three 3-way hand valves and rerouting a hose.

Specifications

Liquid Push/Pull (R-22)	325 lb/min
Vapor Rate (R-22)	6.0 lb/min
Final Vacuum	15-in. Hg
Motor	3 Hp
Power: Controls	103-127 VAC, 50/60 Hz, 1 ϕ , 15A
Connections	3/4 in. flare
Dimensions (L x W x H)	
Electromechanical	26 in. (66 cm) x 25 in. (64 cm) x 45 in. (114 cm)
Weight	
Electromechanical	240 lb (109 kg) Shipping: 350 lb. (159 kg)

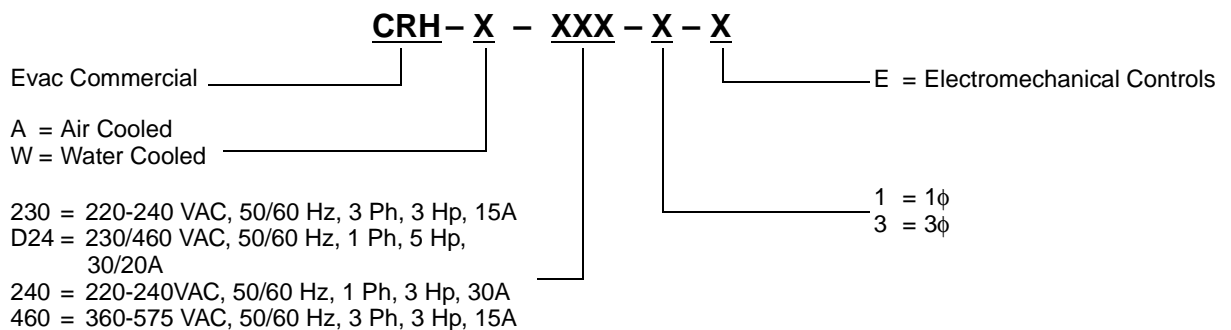
Included with Purchase:

DESCRIPTION	PART NO.
One power cord	---
Two each 3/4-5/8" and 5/8-1/2" reducing fittings	---
Electromechanical model includes:	---
- Two 48-in ³ filter drier cores	FD-048-CR 075-020-HP-FB 075-010-HP-FB
- One 3/4 in. x 20 ft hose	
- Two 3/4 in. x 10 ft hoses	

Optional Accessories:

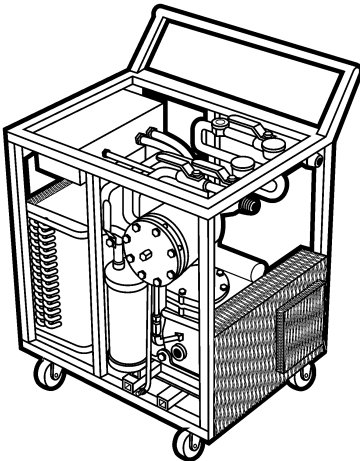
DESCRIPTION	PART NO.
Spare filter driers	
- Electromechanical model—48-in ³ filter drier cores	FD-048-CR
- Microprocessor model—30-in ³ in-line filters	FD-030-75
Compressor fluid, 1 gal	OIL-POE-1G
100, 250 and 1,000 lb tanks with 3/4 in. ports and dip tubes	---
Custom sized ASME tanks	---

PART NUMBER NOMENCLATURE



REFRIGERANT RECOVERY

ALLVAC™ OPEN DRIVE HIGH AND LOW PRESSURE RECOVERY SYSTEM



P1460

No need to buy two recovery systems for high and low pressure refrigerants — Allvac services them all!

FASTER SPEED

- Recovers R-22 at 325-lb/min liquid and 6-lb/min vapor and R-11 at 100-lb/min liquid and 0.66-lb/min vapor.

HIGH DURABILITY

- Rugged open drive compressor provides years of reliable service, even on refrigerants heavily contaminated with oil, air, moisture, and acids.

SERVICES MOST HIGH AND LOW PRESSURE REFRIGERANTS

- R-11, R-12, R-22, R-113, R-114, R-123, R-134a, R-404, R-407, R-500, R-502, R-507, MP39 and other high pressure refrigerants or blends. Switching between refrigerants simply involves oil and filter changes along with evacuation of the unit.

EASY OPERATIONS

- Switching between refrigerants simply involves oil and filter changes along with evacuation of the unit.

Included with Purchase:

DESCRIPTION	PART NO.
One power cord	---
Two each 3/4-5/8" and 5/8-1/2" reducing fittings	---
Electromechanical model includes:	---
- Two 48-in ³ filter drier cores	FD-048-CR
- One 3/4 in. x 20 ft hose	075-020-HP-FB
- Two 3/4 in. x 10 ft hoses	075-010-HP-FB

Optional Accessories:

DESCRIPTION	PART NO.
Spare filter driers	
- Electromechanical model—48-in ³ filter drier cores	FD-048-CR
- Microprocessor model—30-in ³ in-line filters	FD-030-75
Compressor fluid, 1 gal	OIL-POE-1G
100, 250 and 1,000 lb tanks with 3/4 in. ports and dip tubes	---
Custom sized ASME tanks	---

Specifications

Liquid Push/Pull (R-22)	R-22: 325 lb/min	R-11: 100 lb/min
Vapor Rate (R-22)	R-22: 6.0 lb/min	R-11: 0.66 lb/min
Final Vacuum	15-in. Hg	29 in. Hg
Power: Controls	103-127 VAC, 50/60 Hz, 1φ, 15A	
Connections	3/4 in. flare	
Dimensions (L x W x H)	26 in. (66 cm) x 25 in. (64 cm)	
	x 45 in. (114 cm)	
Weight	240 lb (109 kg)	Shipping: 350 lb (159 kg)

PART NUMBER NOMENCLATURE



Allvac



A = Air Cooled
W = Water Cooled



ARH - X - XXX - X - X

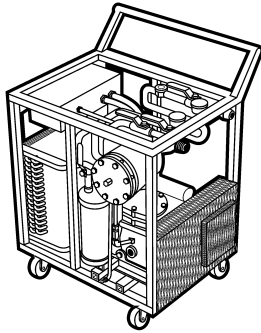
E = Electromechanical Controls

1 = 1φ
3 = 3φ

230 = 220-240 VAC, 50/60 Hz, 3 Ph, 3 Hp, 15A
D24 = 230/460 VAC, 50/60 Hz, 1 Ph, 5 Hp, 30/20A
240 = 220-240 VAC, 50/60 Hz, 1 Ph, 3 Hp, 30A
460 = 360-575 VAC, 50/60 Hz, 3 Ph, 3 Hp,

REFRIGERANT RECOVERY

LOVAC™ LOW PRESSURE RECOVERY SYSTEM



P1460

ELECTROMECHANICAL MODEL

Included with Purchase:

DESCRIPTION	PART NO.
One power cord	---
Two each 3/4-5/8" and 5/8-1/2" reducing fittings	---
Electromechanical model includes:	---
- Two 48-in ³ filter drier cores	FD-048-CR
- One 3/4 in. x 20 ft hose	075-020-HP-FB
- Two 3/4 in. x 10 ft hoses	075-010-HP-FB

Optional Accessories:

DESCRIPTION	PART NO.
Spare filter driers	
- Electromechanical model—48-in ³ filter drier cores	FD-048-CR
- Microprocessor model—30-in ³ in-line filters	FD-030-75
Compressor fluid, 1 gal	OIL-POE-1G
440 and 880 lb recovery tanks with 3/4 in. ports	---
Tank float safety cables and adapters	---

LOVAC outpaces other recover systems, especially when refrigerant is contaminated with moisture, oil, or noncondensibles

FASTER SPEED

- Recovers R-11 at 100-lb/min liquid and 0.66-lb/min vapor. On transfer tests between two cylinders, LOVAC recovered 500-lbs of R-11 to 29" Hg vacuum in just 13 minutes.

NONCONDENSIBLES? NOT AN ISSUE!

- In the above transfer test, we introduced 32-ft³ of air to the cylinder being recovered. With the ambient temperature over 100° F, recovery only took an extra 1.5 minutes in spite of the heavy contamination. LOVAC's compressor works against very high head pressures and the on-board direct expansion unit rapidly condenses and subcools recovered refrigerant to minimize the effects of noncondensibles.

HIGH DURABILITY

- Rugged 2.0 Hp open drive compressor stands up to difficult recovery conditions better than vacuum pumps.

REFRIGERANT COMPATIBILITY

- Serves all low pressure refrigerants. Switching between R-11, R-123, and R-113 simply involves evacuating the recovery unit, changing fluid and replacing two external filters.

EASY OPERATION

- Purging lines and switching from liquid to vapor recovery modes simply involves turning three valves and rerouting hoses.

Specifications

Recovery Rates (R-11)

Open Drive Model Liquid = 100-lb/min Vapor = 0.66-lb/min
Final Vacuum 29-in Hg

Power: Recovery Unit 103-127 VAC, 1 ϕ , 50/60 Hz, 1.5-hp, 10A
Weight

Open Drive Model 210-lbs (95 kg) Shipping: 310-lbs (141-kg)

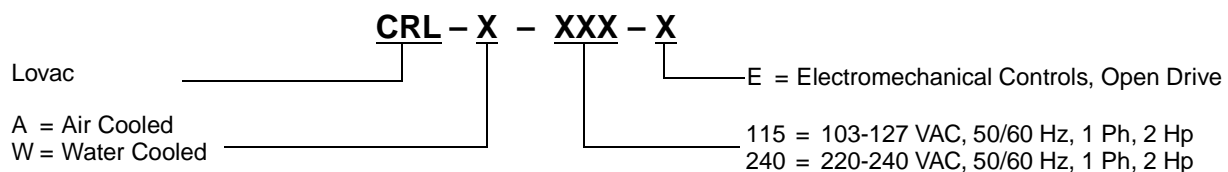
Connections 3/4-in male flare fittings with ball valves

Warranty 1-year Parts

Dimensions (L x W x H)

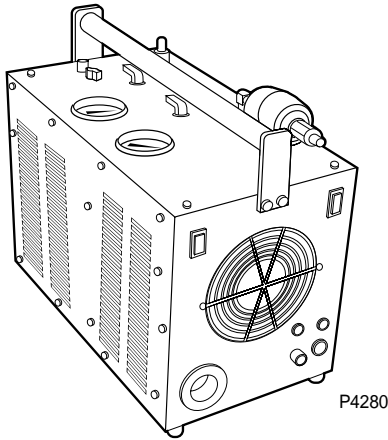
Electromechanical 26 in (66 cm) x 25 in (64 cm)
x 45 in (114 cm)

PART NUMBER NOMENCLATURE



REFRIGERANT RECOVERY

HANDIVAC™ HIGH CAPACITY OIL-LESS RECOVERY SYSTEM



P4280

Extra condensing capacity and higher horsepower for faster refrigerant transfer rates and longer component life.

High ARI Certified Recovery Rates (R-22)

	push/pull*	direct liquid	vapor
RTO-500	25-lb/min	7.8-lb/min	0.62-lb/min

* Push/pull rates using 3/8-in. hose.

SPEED ENHANCING FEATURES

- Dual 0-5 hp oil-less compressors double recovery rates for servicing commercial cooling units.
- Unit self-evacuates prior to performing recovery.
- Compressor pulls directly on liquid with safeties to protect against slugging.

LESS MAINTENANCE

- Oil-free compressor lessens maintenance hassles. Easily switches between R-12, R-22, R-134a, R-500, R-502, R-409, R-410a, MP39 and other high pressure refrigerants and blends.
- Dual fans provide abundant air flow to properly cool the compressor motor & head as well as other internal components for longer service life.

SAFETY FEATURES

- High head pressure shut off at 425-psi.
- Low pressure shut off at 15-in Hg.
- Operational 80% tank full float valve shut off.

Included with Purchase:

DESCRIPTION	PART NO.
3/8-in. male flare x 3/8-in. female flare	RFD154
6-ft float cable and 3 pin (BH) connector	FVC-006

Optional Accessories:

DESCRIPTION	PART NO.
Spare filter driers:	
- In-line filter 3 in ³ , 1/4 in. flare	FD-003-25
- 3/8-in. male flare x 3/8-in. female flare	RFD154
5, 10 and 20 ft x 1/4 in. hoses	---
30, 50, 250 and 1,000 lb recover tanks	---

Specifications

Push/Pull (R-22)*	25-lb/min
Direct Liquid (R-22)	7.8-lb/min
Vapor (R-22)	0.62-lb/min
Weight	63-lbs (28.6 kg)
Motor	1.0 Hp
Connections	3/8-in. Flare
Dimensions (L x W x H)	18 x 10 x 16
Float Connection	3-pin BH
Low-Pressure Switch	15" Hg
*Push/pull rates using 3/8 in. lines.	

PART NUMBER NOMENCLATURE



XXX - XXX - XXX

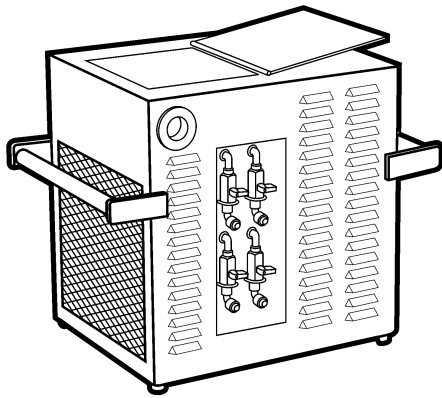
RTO = Twin Cylinder Oil-less compressor

500 = HandiVac System

115 = 115 VAC, 60 Hz, 1 ϕ , 15A
240 = 240 VAC, 50 Hz, 1 ϕ , 15A

REFRIGERANT RECOVERY

MITYVAC™ LIGHTWEIGHT OPEN DRIVE RECOVERY SYSTEM



P_1455

Included with Purchase (HOSES NOT INCLUDED):

DESCRIPTION	PART NO.
100 ft. power cord	---
Two in-line 30-in ³ filter driers	FD-030-50

Optional Accessories:

DESCRIPTION	PART NO.
Recovery hoses - four required:	
- 1/2 in. x 10 ft. hoses	050-010-HP-FB
- 1/2 in. x 20 ft. hoses	050-020-HP-FB
Spare filter driers	FD-030-50
Recovery tanks (float valves optional)	
- 250-lb capacity	CYL-0250
- 1000-lb capacity	CYL-1000
Tank float safety cables and adapters	---

Offers the additional speed and durability of an open drive compressor in a lightweight package.

ACCELERATES RECOVERY PROCEDURES TO SAVE LABOR AND REDUCE COOLING SYSTEM DOWNTIME

- 1.5-hp compressor moves refrigerant through a 1/2" port and valving system at sizzling rates of 55-lb/min liquid and 1.56-lb/min vapor (R-22).
- High capacity air cooled condenser with 700-cfm fan maintains recovery rates at high ambient temperatures.

RUGGED DESIGN OFFERS LONGER SERVICE LIFE AND GREATER FLEXIBILITY

- Open drive compressor is virtually impervious to the acids and contaminants that burnout hermetic or oil-less compressors.
- Services R-12, R-22, R-500, R-502, R-134a, MP39, R-409a, R-507 and other high pressure refrigerants and blends. Can be reprogrammed to service newly introduced refrigerants.

SIMPLE OPERATING PROCEDURES

- Purging lines and switching from liquid to vapor recovery modes simply involves turning three 3-way hand valves — no switching hoses is necessary.

Specifications

Liquid Push/Pull (R-22)	55 lb/min
Vapor Rate (R-22)	1.56 lb/min
Final Vacuum	15 in. Hg
Weight: Electromechanical	100 lbs. (45Kg)
Motor	1.5 Hp
Connections	1/2 in. Flare
Dimensions (L x W x H)	21 in. x 14 in. x 19 in. 53 cm x 35 cm x 48 cm

PART NUMBER NOMENCLATURE



MityVac Recovery Unit

MRH-XX-X

E = Electromechanical Controls



115 = 103-127 VAC, 50/60 Hz, 1 Ph, 1.5 Hp, 20A
240 = 220-240 VAC, 50/60 Hz, 1 Ph, 1.5 Hp, 15A



RECOVERY ACCESSORIES

RECOVERY CYLINDERS

- Standard recovery tanks have small diameter ports that restrict refrigerant flow and slow your recovery procedures. Carrier 1000-lb and 250-lb tanks have been fitted with full port 3/4" service valves and copper dip tubes that eliminate restrictions and enhance throughput for faster recovery.
- Available in 30 lb, 50 lb, 250 lb, and 1000 lb capacities. Customer ASME vessels exceeding 1000 lbs and with larger ports are also available.

PART NO.	DESCRIPTION	PORT SIZE	DRY WEIGHT	DIMS (O.D.XH)
CYL-1000	1000 lb Tank only	3/4"	358 lbs	30" x 58"
CYL-1000-LS	1000 lb w/80% shut off switch	3/4"	359 lbs	30" x 58"
CYL-0250	250 lb Tank only	3/4"	86 lbs	15" x 49"
CYL-0250-LS	250 lb w/80% shut off switch	3/4"	87 lbs	15" x 49"
CYL-0050	50 lb Tank only	1/4"	24 lbs	12.5" x 19"
CYL-0050-LS	50 lb w/80% shut off switch	1/4"	25 lbs	12.5" x 19"
CYL-0030	30 lb Tank only	1/4"	13.7 lbs	9" x 18"
CYL-0030-LS	30 lb w/80% shut off switch	1/4"	14.7 lbs	9" x 18"

ASME CYLINDERS

ASME Tank Features

- Mounted on casters
- Dual pressure relief valves
- Pressure gauge
- Liquid level indicator
- 80% tank full float switch
- Bottom drain connection
- Liquid and vapor ports

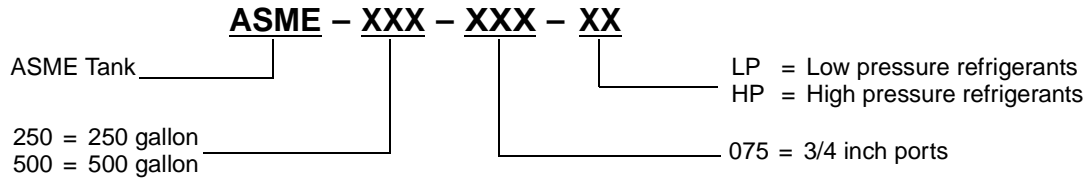
Specifications

	ASME250	ASME500
Water Capacity	250 gal	500 gal
Dry Weight	650 lbs	1,200 lbs
Length (A)	94 in.	113 in.
Diameter (B)	30 in.	37 in.
Height (C)	42 in.	49 in.

Refrigerant Capacity at 80% Full

	ASME250	ASME500
R-12	2,195 lbs	4,390 lbs
R-22	2,000 lbs	4,000 lbs
R-134a	2,105 lbs	4,030 lbs
R-500	2,034 lbs	4,068 lbs
R-11	2,459 lbs	4,929 lbs
R-123	2,440 lbs	4,880 lbs

PART NUMBER NOMENCLATURE

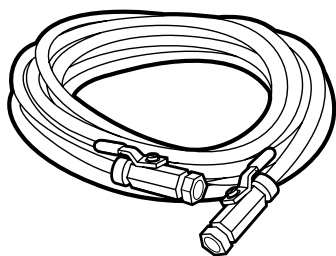


FLOAT VALVE CABLE

PART NO	DESCRIPTION
FVC-006	6-ft. Cable and connector for 80% shut off switches on Cylinders
FVC-012	12-ft. Cable and connector for 80% shut off switches on Cylinders

RECOVERY ACCESSORIES

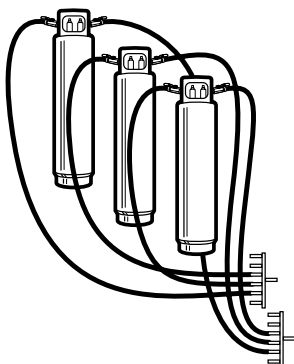
RECOVERY HOSES



P1496

HOSE SIZE	PART NO.	DESCRIPTION
1/4 inch	025-010-HP-FB	1/4" x 10 ft, flare w/ball valves
	025-020-HP-FB	1/4" x 20 ft, flare w/ball valves
	025-010-HP	1/4" x 10 ft, no isolation
	025-020-HP	1/4" x 20 ft, no isolation
3/8 inch	038-010-HP-FB	3/8" x 10 ft, flare w/ball valves
	038-020-HP-FB	3/8" x 20 ft, flare w/ball valves
	038-010-HP	3/8" x 10 ft, no isolation
	038-020-HP	3/8" x 20 ft, no isolation
1/2 inch	050-010-HP-FB	1/2" x 10 ft, flare w/ball valves
	050-020-HP-FB	1/2" x 20 ft, flare w/ball valves
	050-010-HP	1/2" x 10 ft, no isolation
	050-020-HP	1/2" x 20 ft, no isolation
3/4 inch	075-010-HP-FB	3/4" x 10 ft, hi pressure, flare w/ball
	075-010-HP-QC	3/4" x 10 ft, hi pressure quick connect
	075-020-HP-FB	3/4" x 20 ft, hi pressure, flare w/ball
	075-020-HP-QC	3/4" x 20 ft, hi pressure, quick connect

MANIFOLDS



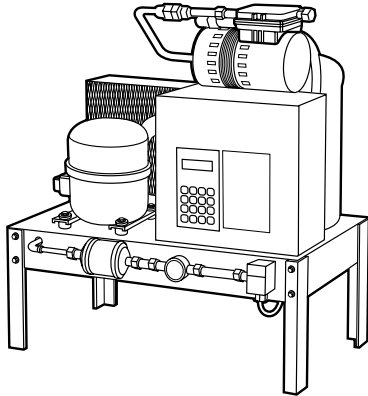
P1497

Manifolds allow recovery operator to transfer refrigerant simultaneously to multiple tanks or to pull vapor or liquid from multiple pickup points on the cooling system for faster speed.

PART NO	DESCRIPTION
RM-075-6	3/4" connections, 6 valves
RM-050-6	1/2" connections, 6 valves

RECOVERY ACCESSORIES

ENVIROPURGE™ HIGH PERFORMANCE PURGE SYSTEM



Fast, reliable purging for low-pressure chillers.

The Enviro-Purge system removes air and other noncondensibles from low pressure centrifugal chillers while minimizing the loss of refrigerant that normally accompanies the purging process. Purging is fast and microprocessor-controlled to match each chiller's requirements, and to provide historical data for studying purge trends and troubleshooting.

- **Fast, efficient, noncondensable separation** — Nearly twice the evaporator coil surface area of typical purge units means fast, efficient refrigerant separation.
- **Easy, hassle-free installation** — Ships pre-assembled and connects to existing ports on all types of chillers. Mounts conveniently near floor level.
- **Simple operation** — Application-specific microprocessor controls enhance purge capabilities and provide a user-friendly software interface.
- **High reliability, low maintenance** — Prefilter drier system removes moisture and debris from refrigerant before it enters the purge vessel. Stainless steel construction further protects the purge tank against corrosion.
- **Safeguards Refrigerant** — Four temperature sensors monitor and control purge operations; alarms alert operator to "trouble" conditions so refrigerant loss can be avoided. Display can be in °F or °C.

RAPID NONCONDENSIBLE SEPARATION

The 1/3-hp condensing unit and oversized 350-cu.-in. purge vessel combine to process more refrigerant vapor — faster. A patented reheat/re-expansion circuit provides maximum separation efficiency, and Enviro-Purge discharges only 0.48 lb. of refrigerant per pound of noncondensibles, or just 0.0049 lb when the optional carbon canister is used.

CONSERVES REFRIGERANT

Enviro-Purge's microprocessor control improves purge efficiency and prevents refrigerant loss, using multiple safeguards against "false purging." Four temperature sensors provide continuous monitoring of purge operating conditions in either °F or °C. When excessive purging is detected, the LCD alerts the operator to increasing chiller leaks. Dual mechanical float switches in the purge vessel guarantee safe liquid return to the chiller evaporator.

CONVENIENT REMOTE INTERFACE

Built-in RS-232-C interface allows energy management systems or any remote PC to monitor and control purge operations.

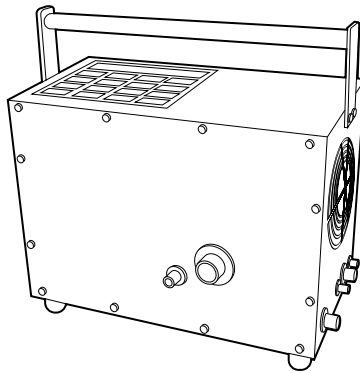
Specifications

Weight	130 lbs. (59 Kg)
Approximate Dimensions	30 in. x 36 in. x 24.5 in. 76 cm x 92 cm x 62 cm
Condensing Unit Refrigerant	R-134a
Safety Certification	ETL listed to UL, CSA and CE safety standards.

PART NO	REFRIG.	DESCRIPTION
EMS611- 011	11	110 VAC, 60 Hz, 1φ, 15A
EMS511- 011	11	110 VAC, 50 Hz, 1φ, 15A
EMS522- 011	11	220 VAC, 50 Hz, 1φ, 15A
EMS611- 113	113	110 VAC, 60 Hz, 1φ, 15A
EMS511- 113	113	110 VAC, 50 Hz, 1φ, 15A
EMS522- 113	113	220 VAC, 50 Hz, 1φ, 15A
EMS611- 114	114	110 VAC, 60 Hz, 1φ, 15A
EMS511- 114	114	110 VAC, 50 Hz, 1φ, 15A
EMS522- 114	114	220 VAC, 50 Hz, 1φ, 15A
CARBAN		Carbon canister

RECOVERY ACCESSORIES

MINIPURGE™ PORTABLE HIGH AND LOW PRESSURE PURGE UNIT



P4279

During normal operation the unit continuously displays and scrolls several system temperatures plus the current total pumpout time and cycle count.

Optional Accessories:

DESCRIPTION	PART NO.
1/4 in. flare in-line filters	FD-003-25
Refrigerant Hoses:	
- 1/4" x 10-ft with ball valves	025-010-HP-FB
- 1/4" x 20-ft with ball valves	025-020-HP-FB

Eliminate air from high or low pressure cooling systems to improve cooling efficiency and reduce energy costs.

UNIVERSAL COMPATIBILITY

Eliminates air from either high or low pressure refrigerants. Simply evacuate the unit before using on different refrigerant types.

HIGHLY PORTABLE

Smallest and lightest purge unit on the market. At 65-lbs in weight, it is readily hand carried.

FAST PURGE SPEED

Oil-less transfer compressor accelerates the purge process by pulling vapor from the cooling system and forcing processed refrigerant liquid back into the cooling system.

HIGHER EFFICIENCY FOR BETTER REFRIGERANT CONTAINMENT

- Vapor is pumped through a high capacity condenser then compressed in a purge vessel. Microprocessor controls calculate the most efficient time to purge noncondensibles.
- Achieves discharge efficiency as high as 0.2 lb-refg/lb-noncondensibles on some refrigerants. Three to four times more efficient than thermal purge units on the market.

Specifications

Connections	3/8 in. flares
Dimensions (LxWxH)	18 in. x 10 in. x 16 in. 35 cm x 35 cm x 35 cm
Weight	65 lb (29 kg)
Operating Environment	32-120° F, 5-95% RH, noncondensing
Storage Environment	(-40)-150° F, 5-95% RH, noncondensing
Warranty	1-year parts

PART NUMBER NOMENCLATURE

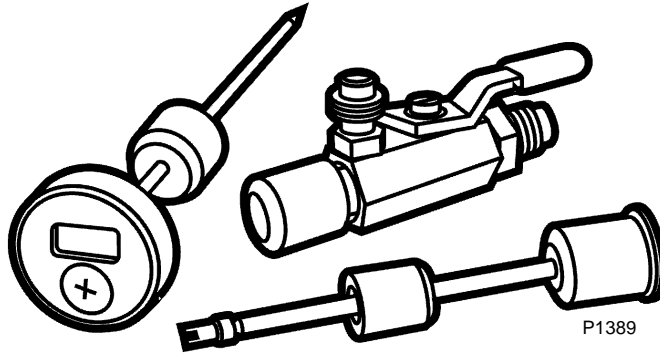


MiniPurge System	MPS -	XXX
		115 = 103-127 VAC, 50/60 Hz, 0.5 Hp, 1 Ph, 15A 240 = 220-240 VAC, 50/60 Hz, 0.5 Hp, 1 Ph, 15A

ACCESS VALVES AND ACCESSORIES

J/B ACCESS VALVES

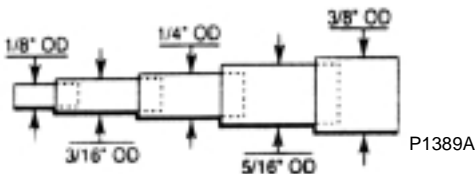
Note: See J/B Industries Catalog for the complete product line.



P/N	DESCRIPTION
Copper Tube Extension	
A31002	1/8" OD
A31003	3/16" OD x 1/8" ID
A31004	1/4" OD x 3/16" ID
A31005	5/16" OD x 1/4" ID
A31006	3/8" OD x 5/16" ID
A31008	1/2" OD
Copper Solder Tees	
A31134	1/4" ODS x 5/16" ODF
A31135	5/16" ODS x 3/8" ODF
A31136	3/8" ODS x 1/2" ODF
A31138	1/2" ODS
A31140	5/8" ODS
A31142	3/4" ODS
A31144	7/8" ODS
A31148	1-1/8" ODS
Copper 45 Elbow	
A31160	5/8" ODS
A31162	3/4" ODS
A31164	7/8" ODS
A31168	1-1/8" ODS
Copper Access Union	
A31199	1/4"
A31200	3/8"
A31201	1/2"
A31202	5/8"
A31204	7/8"
Forged Tee Access	
A31234	1/4" ODS x 3/8" ODF
Flared Tube Connection	
A31424	1/4"

P/N	DESCRIPTION
MPT Connection	
A31452	MPT Branch 1/8"
A31454	MPT Branch 1/4"
A31482	MPT Half Union 1/8"
A31484	MPT Half Union 1/4"
A31492	MPT Elbow 1/8"
A31512	MPT Run 1/8"
A31514	MPT Run 1/4"
Flare Connection	
A31614	Fe SAE Flare Union/Copper Gasket 1/4"
A31734	Fe SAE Swivel Nut w/Depressor 1/4"
Brass Bodies	
A31720	Multi Step 3/16" ODS x 3/8" or 1/4" ODF Steps
A31722	1/8" ODS x 1/4" ODF
A31723	3/16" ODS x 1/4" ODF
A31724	1/4" ODS x 3/8" ODF
A31729	Multi Step 3/16" 1/4" 5/16" or 1/2" ODF
Swivel Flare Connection	
A31851	Swivel Nut w/Depressor 1/4"
A31852	Swivel Nut w/Depressor 1/4"
A31854	Swivel Nut on Access Valve 1/4"
A31864	Swivel Nut w/Depressor 1/4"
Core Removers	
A31997	Valve Core Remover 1/4"
A31999	Replacement Valve Core 1/4"
A32004	Valve Core Remover 1/4"
A32904	Access Valve 1/4" Solder Copper
A32905	Access Valve 1/4" Saddle Valve
A32906	Access Valve 3/8" Copper
A32908	Access Valve 1/2" Copper
A32910	Access Valve 5/8" Copper
A32912	Access Valve 3/4" Copper
A32914	Access Valve 7/8" Copper
Tools	
A32500	Core Remover Evacuation Tool
A32550	Core Remover and Super Heat Tool

AC/R COPPER TUBE FITTING GUIDE



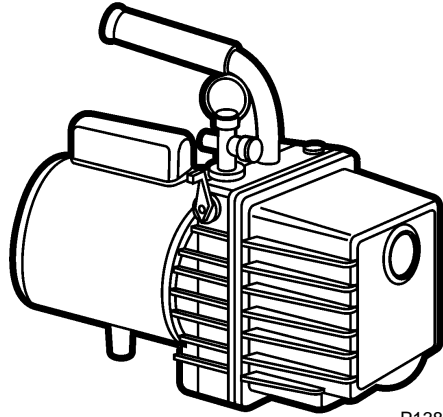
CONNECTING TUBE SIZE

OD TUBE SIZE	ODS	ODF	
	INTERNAL TUBE FIT	EXTERNAL TUBE FIT	SWAGE FIT
1/8	—	3/16	—
3/16	1/8	1/4	3/16
1/4	3/16	5/16	1/4
5/16	1/4	3/8	5/16
3/8	5/16	—	3/8

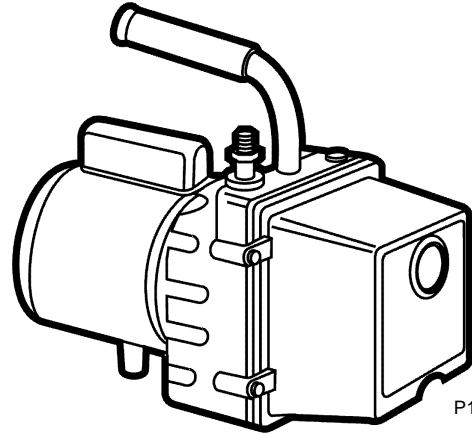
VACUUM PUMPS

J/B VACUUM PUMPS

NOTE: See J/B Industries Catalog for the complete product line.



P1387



P1387A

P/N	1/2 HP MOTOR	FREE AIR DISPLACEMENT (LITERS PER MINUTE)	INTAKE PORTS	OIL CAPACITY
DV-85N-250	230 Volt, 50 Cyc, 1425 RPM	2.5 CFM (71)		
DV-85N	115 Volt, 60 Cyc, 1725 RPM	3 CFM (85)	1/4", 3/8"	21 oz. (621 cc)
DV-142N	115 Volt, 60 Cyc, 1725 RPM	5 CFM (142)	3/8", 1/4", 3/8"	29 oz. (857 cc)
DV-200N-250	230 Volt, 50 Cyc, 1425 RPM	5.8 CFM (167)		
DV-200N	115 Volt, 60 Cyc, 1725 RPM	7 CFM (200)	3/8", 1/4", 3/8"	14.5 oz. (429 cc)
DV-285N-250	230 Volt, 50 Cyc, 1425 RPM	8.3 CFM (237)		
DV-285N	115 Volt, 60 Cyc, 1725 RPM	10 CFM (285)	3/8", 1/4", 3/8"	39 oz. (4111 cc)

VACUUM PUMP OIL

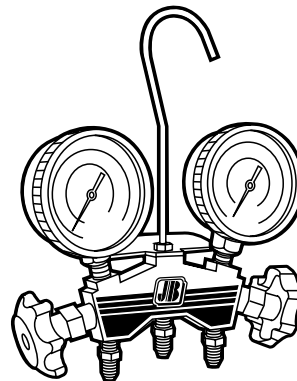
P/N	DESCRIPTION	SIZE	WEIGHT (LBS.)
DV0-12-12	Vacuum Pump Oil Pint Bottle	9-1/4" H x 17" L x 11-1/2" W	26
DV0-24-6	Vacuum Pump Oil Quart Bottle	11-1/8" H x 14-1/2" L x 11" W	25
DV0-6-4	Vacuum Pump Oil Gallon Bottle	12-1/2" H x 14-1/2" L x 11" W	47

CHARGING AND TESTING INSTRUMENTS

Y4 in. FORGED BAR MANIFOLDS

- Pull-out proof hanging hook
- Hose holder mounts to front or back of bar.
- All intake fittings replaceable
- Metal handwheels.

Description	R-12, R-22 & R-502		R-410A	R134a, R-404A & R-507 Commercial
		SIGHT GLASS		
No Hose Set	M8-8	M8-8SG	M7-8	M5-8
Enviro-Safe Hose Sets				
3 ft. (36 in.)	M8-36		M7-36	M5-36
5 ft. (60 in.)	M8-5		M7-5	M5-5
3 ft. (36 in.) Red and Blue and 5 ft. (60 in.) Yellow	M8-6	M8-6SG	M7-6	M5-6
With Secure-Seal Fitting				
3 ft. (36 in.)	M8-36S			M5-36S
5 ft. (60 in.)	M8-5S			M5-5S
With Ball Valve Shut-Off				
5 ft. (60 in.)	M8-5GY5		M7-5GY5	M5-5GY5



P2017

Automotive and Testing Manifolds

1/2 in. ACME R-134a MANIFOLD

Description	In Carrying Case	
No Hose Set	M6-8	
5 ft. (60 in.) Hose Set w/Couplers	M6-5	M6-3

Y4 in. STANDARD MANIFOLDS

- Hose holder mounts to front or back of bar.
- Color-coded durable nylon hardwheels.
- All intake fittings replaceable
- "Knuckle Clearance Angled Bar".
- Pull-out proof hanging hook.

R-12, R-22 & R-502

(MB-Series with Brass Plated Gauges)

Description		In Carrying Case
No Hose Set	M2-8 MB2-8	
Bar Only	M2-12	M6-3
Standard Hose Sets		
3 ft. (36 in.)	M2-36	
3 ft. (36 in.) Red and Blue and 5 ft. (60 in.) Yellow	M2-6 MB2-6	
4 ft. (48 in.)	M2-48	
5 ft. (60 in.)	M2-5	
6 ft. (72 in.)	M2-72	

CHARGING AND TESTING INSTRUMENTS

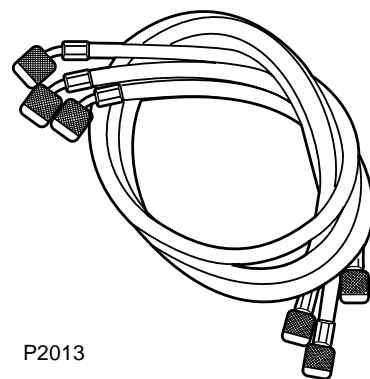
J/B GAUGES

NOTE: See JIB Industries Catalog for the complete product line.

P/N	DESCRIPTION
M2-250	R-12, R-22 and R-502 Gauges Compound gauge blue plastic case — 30" vacuum to 120 psi, retard to 350 psi
M2-500	Pressure gauge red plastic case — pressure from 0 to 500 psi.
M2-350	R-134a Gauges Compound gauge 1/8 MPT connection
M2-355	Pressure gauge 1/8 MPT connection
M2-420	R-134a, R-404A, R-507 Gauges Compound gauge 1/8 MPT connection
M2-425	Pressure gauge 1/8 MPT connection
M2-410	R-410a Gauges Vacuum to 250 psi, Retard to 500 psi, High side 0 to 800 psi Compound gauge 1/8 MPT connection
M2-415	Pressure gauge 1/8 MPT connection
MR-517	Gauge Accessories Plastic gauge case lens 2-1/2 plastic screw-on gauge lens
MR-591	Protective gauge boot red boot

CHARGING AND TESTING LINES

SINGLE LINES			
1/4" ENVIRONMENTAL CHARGING LINE WITH SHUT-OFF BALL VALVE			
LENGTH (INCHES)	P/N BLUE	P/N YELLOW	P/N RED
6	CLV-6B	CLV-6Y	CLV-6R
36	CLV-36B	CLV-36Y	CLV-36R
48	CLV-48B	CLV-48Y	CLV-48R
60	CLV-60B	CLV-60Y	CLV-60R
72	CLV-72B	CLV-72Y	CLV-72R
R-410a HIGH PRESSURE CHARGING LINE			
36	CLE-36B	CLE-36Y	CLE-36R
60	CLE-60B	CLE-60Y	CLE-60R
1/4" CHARGING LINES			
36	CL-36B	CL-36Y	CL-36R
48	CL-48B	CL-48Y	CL-48R
60	CL-60B	CL-60Y	CL-60R
72	CL-72B	CL-72Y	CL-72R



P2013

CHARGING AND TESTING INSTRUMENTS

GAUGES

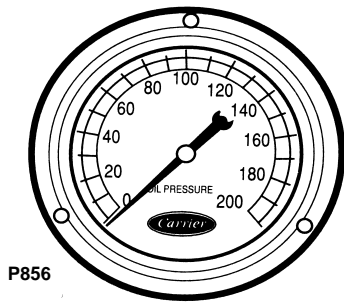


FIG. A

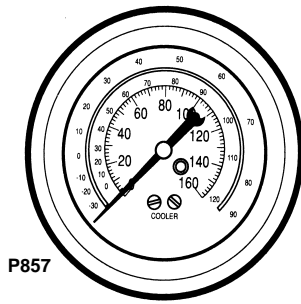


FIG. B

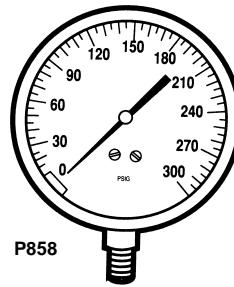


FIG. C

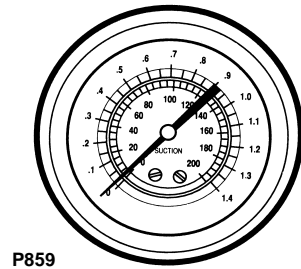


FIG. D

- FOR USE ON R-12, R-22, R-500 REFRIGERANTS AND ANY OTHER REFRIGERANT WHICH WILL NOT DETERIORATE BRASS

FIGURE	DIAL SIZE (in.)	RANGE (PSI)	CONNECTION (in.)	DIAL MARKING	P/N
A	3-1/2	0-160	BACK, 1/4 NPT	COOLER	KM01AC390
	3-1/2	0-200	BACK, 1/4 NPT	OIL PRESSURE	KM01AC385
	3-1/2	0-300	BACK, 1/4 NPT	CONDENSER	KM01AC395
B	3-1/2	0-160	BACK, 1/4 NPT	COOLER	KM01AQ300
	3-1/2	0-300	BACK, 1/4 NPT	CONDENSER	KM01AQ316
C	2	0-200	BOT, 1/4 NPT	**	KM01BC200
	2-1/2	0-200	BOT, 1/8 NPT	-	KM01AQ275
	3-1/2	0-200	BOT, 1/8 NPT	-	KM01AQ375
	2-1/2	0-300	BOT, 1/8 NPT	-	KM01AQ280
	3-1/2	0-300	BOT, 1/8 NPT	-	KM01AQ380
	2-1/2	0-400	BOT, 1/8 NPT	-	KM01AQ290
	3-1/2	0-400	BOT, 1/8 NPT	-	KM01AQ390
	2-1/2	0-800	BOT, 1/8 NPT	-	KM01AQ299
D	3-1/2	0-200	BACK, 1/4 FLARE	SUCTION	KM01CC361
	3-1/2	0-400	BACK, 1/4 FLARE	CONDENSER	KM01CC390*
	3-1/2	0-600	BACK, 1/4 FLARE	DISCHARGE	KM01CC396

*Combination pressure and temperature for R-22.

**Open gauge valve only when reading pressure.

FITTINGS

J/B FLARE X MALE PIPE ELL

P/N	DESCRIPTION	CTN
E1-4A	3/16 x 1/8	2
E1-4B	1/4 x 1/4	50
E1-4C	1/4 x 3/8	10
E1-6A	3/8 x 1/8	5
E1-6B	3/8 x 1/4	25

FLARE ELL

P/N	DESCRIPTION	CTN
E2-4	1/4	10
E2-6	3/8	10

SHORT FORGED REFRIG. NUT

P/N	DESCRIPTION	CTN
NS4-4	1/4	50
NS4-6	3/8	50
NS4-8	1/2	25
NS4-10	5/8	25
NS4-12	3/4	10
NS4-14	7/8	5

REDUCING

P/N	DESCRIPTION	CTN
NRS4-64	3/8 x 1/4	5
NRS4-86	1/2 x 3/8	5

FLARE X FLARE X MALE PIPE TEE

P/N	DESCRIPTION	CTN
T1-4A	1/4 x 1/4 x 1/8	10
T1-4B	1/4 x 1/4 x 1/4	25
T1-4C	1/4 x 1/4 x 3/8	2

FLARE TEE

P/N	DESCRIPTION	CTN
T2-4	1/4	10
T2-6	3/8	10

FLARE X MALE PIPE X FLARE TEE

P/N	DESCRIPTION	CTN
T3-4A	1/4 x 1/8 x 1/4	10
T3-4B	1/4 x 1/4 x 1/4	10

FLARE X MALE PIPE ADAPTER

P/N	DESCRIPTION	CTN
U1-4A	1/4 x 1/8	50
U1-4B	1/4 x 1/4	50
U1-4C	1/4 x 3/8	25
U1-6A	3/8 x 1/8	10
U1-6B	3/8 x 1/4	50

FLARE UNION

P/N	DESCRIPTION	CTN
U2-4	3/16	5
U2-6	3/8	50
U2-8	1/2	25

FLARE X FEMALE PIPE ADAPTER

P/N	DESCRIPTION	CTN
U3-4A	1/4 x 1/8	25
U3-4B	1/4 x 1/4	25
U3-4C	1/4 x 3/8	10
U3-6A	3/8 x 1/8	5
U3-6B	3/8 x 1/4	25
U3-6C	3/8 x 3/8	10

FEMALE FLARE X FLARE ADAPTER

FURNISHED WITH COPPER GASKET

P/N	DESCRIPTION	CTN
UR3-46	1/4 x 3/16	5
UR3-48	1/4 x 1/2	5
UR3-64	3/8 x 1/4	50

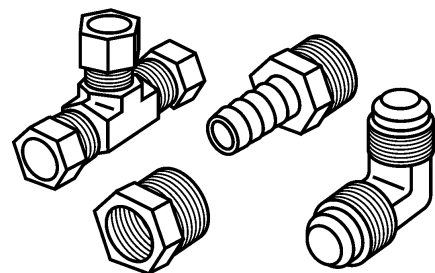
SWIVEL FEMALE FLARE CONNECTOR

P/N	DESCRIPTION	CTN
US4-4	1/4	25
US4-6	3/8	25
US4-8	1/2	25
US4-10	5/8	10

FEMALE FLARE X MALE PIPE ADAPTER

FURNISHED WITH COPPER SEAL GASKET

P/N	DESCRIPTION	CTN
US5-4A	1/4 x 1/8	10
US5-4B	1/4 x 1/4	10
US5-6B	3/8 x 1/4	5



P1392

REFRIGERANT MONITORING

BACHARACH REFRIGERANT LEAK MONITORING SYSTEM

MODEL HGM300/RDM800

Features:

Split Architecture Design puts the display into a safe area away from gas leaks.

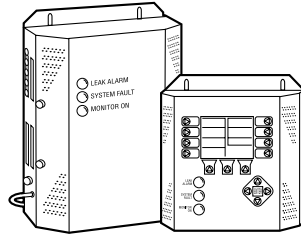
Quick Field Expansion from 4 to 16 sampling zones with no more than a screwdriver.

Bolt In-Bolt Out internal components means the unit never leaves the wall.

No False Alarms because a non-dispersive I-R source that is refrigerant gas specific is used.

Two Year Warranty to protect your investment.

Great Value keeps your investment to a minimum.



P4281

Specifications:

Product Type: Multiple gas, multiple area infrared refrigerant gas monitoring system capable of continuous low level sampling of CFC, HCFC, and HFCC refrigerant gases that can be selected from the library of commonly used refrigerants. System complies with refrigerant monitoring requirements of ANSI/BSR ASHRAE 15-1994.

Coverage: Four (4) sampling areas standard. Additional areas in multiples of 4 can be monitored by adding the optional port expansion modules. Up to three modules can be added to the standard product for a total of 16 areas monitored.

Detector Type: Infrared Non Dispersive - Computer Enhanced

Refrigerant Types: System Gas Software Library

CFC: R-11, R-12, R-113, R-114, R-502

HCFC: R-22, R-123, R-124, R-500, R-503, R-401A (MP39) R-402A (HP80), R-402B (HP81), R-408A, R-409A

HFC: R-404A (HP62), R-407A, R-407C (AC9000), R-134a, R-410A (AZ20), R-507 (AZ50), R-508B (SUVA 95), R-23

HALON: 1301

Sensitivity: All gases - 1 PPM

Measuring Range: 0 to 1000 PPM

Accuracy: All Gases - +/-10 PPM from 0 to 100 PPM, +/-10% of reading from 100 to 1000 PPM

Special Calibration Note:

- All gases listed above can be calibrated to +/-1% of reading as a factory option

- Warm up time is 15 minutes

- Up to 5 new gases may be added to the above referenced library and calibrated in the field. Please consult factory.

Front Panel Display: Three (3) indicator lights:

- One green light will be "on" when the unit is operating properly

- One red light will be "on" when any point is above its alarm setting

- One yellow System Fault indicator identifies clogged sample lines or other system faults.

Temperature Drift: ± 0.3% of reading/degree C

Sampling Mode: Automatic or manual

Re-calibration: Automatic user definable re-zero frequency

Response Time: 5 to 120 seconds; depending on tube length and gas concentration

System Noise: System will be sufficiently quiet to operate in office/store environment (less than 40dB(A) at 10 feet)

Max. Monitoring Distance: Up to 500 feet from measuring point to Monitor

Outputs: Dual optional 4-20 mAdc isolated outputs, channel 1 = area, channel 2 = PPM level

Alarms: Four SPDT alarm contacts are provided, three alarm levels and one system fault. Each of these three alarm "level" contacts may be assigned to any point or group of points. The three alarm relays may be user defined - latching (manual) or non-latching (auto). 5 AMP, 120 VAC rated contact outputs.

Communications:

1. Full two-way communication through RS485 output compatible with either of the following: Building Management Systems, or RDM800
2. RS232C port for local/modem communications. Special configuration software available at N/C. (Software Version 1.1)
3. MODBUS RTU Communication protocol standard

Power Safety Mode: Upon power failure, the system alarm contact will change state. Upon return of electrical power, the system alarm will reset and the HGM300 will re-boot automatically, retain data and programming it had prior to power failure and resume normal operation.

Water Trap: Standard provides moisture protection for infrared detector

Operating Temp: 32° - 122° F (0° - 50° C)

Ambient Humidity: 5% to 90% (Non-Condensing)

Size/Weight: 17" x 12" x 5½" - 15 lb. - Nominal-wall or rack mounted

Power: 120 VAC ± 10%, 230 VAC ± 10%; 50/60 Hz. Power consumption -30 VA.

Certification: Certified in compliance to UL # 3101-1, CE # EN613262, and EN61010-1

Warranty: 2 years from date of shipment

NOMENCLATURE

Refrigerant Monitor: HGM300 - XX - X - X - X - X

Number of Zones with Metal Tube Fittings

11 = 4 Zone, 12 = 8 Zone

13 = 12 Zone, 14 = 16 Zone

Power

1 = 120 VAC

2 = 230 VAC

Remote Display Module: RDM800 - X

Power

1 = 120 VAC

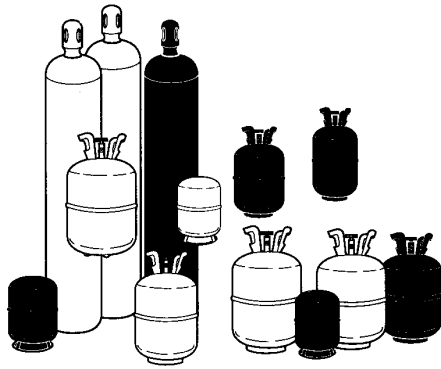
2 = 230 VAC

Part Numbers:

HGM300-11-1	4 zones	120 V, 60 Hz
HGM300-12-1	8 zones	240 V, 60 Hz
HGM300-13-1	12 zones	120 V, 60 Hz
HGM300-14-1	16 zones	240 V, 60 Hz
RDM800-1		120 V, 60 Hz
RDM800-2		240 V, 60 Hz

REFRIGERANT AND DRUM HOLDER

REFRIGERANT



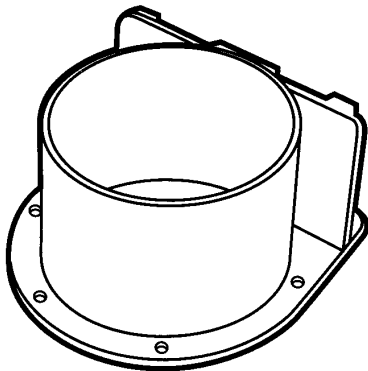
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CFC REFRIGERANT		
TYPE	CYLINDER SIZE	P/N
R-11	200 LB CYL.	R11-0200
	100 LB CYL.	R11-0100
R-12	30 LB CYL.	R12-0030
R-502	125 LB CYL.	R502-0125D
	30 LB CYL.	R502-0030
R-503	70 LB CYL.	R503-0020D
	9 LB CYL.	R503-0009D
HCFC REFRIGERANT		
TYPE	CYLINDER SIZE	P/N
R-22	TON (1750) LB CYL.	R22-2000D
	125 LB CYL.	R22-0125D
	50 LB CYL.	R22-0050
	30 LB CYL.	R22-0030

HFC REFRIGERANT		
TYPE	CYLINDER SIZE	P/N
R-134	TON (1750) LB CYL	R134A-1750D
	1/2 TON (1050) LBS	R134A-1000D
	125 LB CYL.	R134A-0125D
	50 LB CYL.	R134A-0050
	30 LB CYL.	R134A-0030*
R-404A (FX70) (HP62)	TON (1300) LB CYL.	R404A-1300D
	100 LB CYL.	R404A-0100D
R-407C	25 LB CYL.	R407C-0025
R-410A (AZ20)	100 LB CYL.	R410A-0100D
	25 LB CYL.	R410A-0025
R-507 (AZ50)	25 LB CYL.	R507-0025
RETROFIT BLENDS		
TYPE	CYLINDER SIZE	P/N
R-401A (MP39)	125 LB CYL.	RMP39-0125D
	30 LB CYL.	RMP39-0030
R-401B (MP66)	30 LB CYL.	RMP66-0030
R-402A (HP80)	110 LB CYL.	RHP80-0110D
	27 LB CYL.	RHP80-0027
R-402B (HP81)	13 LB CYL.	RHP81-0013
R-409A (FX56)	125 LB CYL.	RFX56-0125D
	30 LB CYL.	RFX56-0030
R-408A (FX10)	100 LB CYL.	R408A-0100D
	24 LB CYL.	R408A-0024

*Also with automotive shutoff valve.

TOTALINE® NO-ROLL REFRIGERANT DRUM HOLDER



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- Available for 30# and 50# refrigerant cylinders.
- A new innovative way to carry refrigerant cylinders in your service truck or van.
- Eliminates the unsafe and unsightly problem of cylinders rolling and tumbling.
- The Totaline Refrigerant Drum Holders are made of heavy duty, high impact plastic. Rugged, durable and sturdy.

TOTALINE REFRIGERANT DRUM HOLDERS			
DESCRIPTION	COLOR	STD PACK	P/N
50# Refrigerant Drum Holder	Black	4	P125-NDR-50B
30# Refrigerant Drum Holder	White	6	P125-NDR-30W